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the remedial action taken by the person making the inspection. The owner shall designate the location(s) where each original record shall be maintained for at least one year after the inspection covered by the record. The owner shall also designate one location, within 100 miles of each state in which they conduct operations, where copies of record which apply to those operations are either maintained or can be viewed following 10 days notice by the Federal Railroad Administration.

- (c) Rail inspection records shall specify the date of inspection, the location and nature of any internal defects found, the remedial action taken and the date thereof, and the location of any intervals of track not tested per §213.339(d). The owner shall retain a rail inspection record for at least two years after the inspection and for one year after remedial action is taken.
- (d) Each owner required to keep inspection records under this section shall make those records available for inspection and copying by the Federal Railroad Administrator.
- (e) For purposes of compliance with the requirements of this section, an owner of track may maintain and transfer records through electronic transmission, storage, and retrieval provided that—
- (1) The electronic system be designed such that the integrity of each record maintained through appropriate levels of security such as recognition of an electronic signature, or other means, which uniquely identify the initiating person as the author of that record. No two persons shall have the same electronic identity;

- (2) The electronic storage of each record shall be initiated by the person making the inspection within 24 hours following the completion of that inspection;
- (3) The electronic system shall ensure that each record cannot be modified in any way, or replaced, once the record is transmitted and stored;
- (4) Any amendment to a record shall be electronically stored apart from the record which it amends. Each amendment to a record shall be uniquely identified as to the person making the amendment:
- (5) The electronic system shall provide for the maintenance of inspection records as originally submitted without corruption or loss of data; and
- (6) Paper copies of electronic records and amendments to those records, that may be necessary to document compliance with this part, shall be made available for inspection and copying by the FRA and track inspectors responsible under §213.305. Such paper copies shall be made available to the track inspectors and at the locations specified in paragraph (b) of this section.
- (7) Track inspection records shall be kept available to persons who performed the inspection and to persons performing subsequent inspections.
- (f) Each vehicle/track interaction safety record required under §213.333 (g), and (m) shall be made available for inspection and copying by the FRA at the locations specified in paragraph (b) of this section.

APPENDIX A TO PART 213—MAXIMUM ALLOWABLE CURVING SPEEDS

TABLE 1—THREE INCHES UNBALANCE [Elevation of outer rail (inches)]

12) Maximum allowable operating speed (mph) 13 141 146 151 156 160 160 171 172 173 176 88 89 99 99 99 99 100 101 117	0
(mph) 131 113 114 115 116 117 117 118 118 118 119 119 119 119 119 119 119	_
120 125 131 136 141 146 151 156 103 109 113 118 122 127 131 135 88 89 93 96 100 104 107 110 76 79 83 86 89 93 96 99 69 72 76 79 82 85 87 90 60 63 66 68 71 77 78 90 54 67 69 67 69 71 74 90 54 66 68 71 73 76 78 90 54 66 68 71 73 76 78 90 54 56 69 60 62 66 68 70 44 44 48 50 52 54 55 54 44 40	(12) Maximur
103 109 113 118 122 127 131 135 <td>100</td>	100
93 97 101 106 110 113 117 121 121 121 121 122 122 133 14 110 113 117 110 113 117 110 113 117 110 113 117 110 113 117 110 113 117 110 113 117 110 113 117 110 113 117 110 113 110	87
85 89 93 96 100 104 107 110	78
76 79 83 86 89 93 96 99<	71
69 72 76 79 82 85 87 90 64 67 70 73 76 78 87 90 56 69 62 64 67 69 71 74 51 54 56 64 67 69 71 74 44 56 69 61 62 66 68 70 44 40 51 54 56 66 68 70 74 44 40 51 52 54 55 57 59 61 44 40 40 50 52 54 55 57 59 61 44 40 40 40 50 52 54 55 54 55 54 55 54 55 54 44 44 44 44 44 44 44 44 44 44 44	63
64 67 70 73 76 78 81 83 60 63 66 68 71 73 76 78 51 56 69 64 67 69 71 74 49 51 54 56 68 68 70 71 74 47 49 51 54 60 62 65 66 68 70 44 49 51 54 56 57 59 61 64 66 66 68 70 74	54 58 62
60 63 66 68 71 73 76 78 56 59 66 68 71 74 78 49 51 54 56 68 66 68 70 47 49 51 54 56 69 65 66 68 70 44 46 48 50 62 65 64 66 66 68 70	54
56 59 62 64 67 69 71 74 51 56 59 61 63 66 68 70 49 51 54 56 58 60 62 66 47 49 51 54 56 57 59 61 47 49 51 54 56 57 59 61 40 42 44 46 48 50 52 54 55 40 42 44 46 47 49 50 52 54 55 40 42 44 45 47 49 50 52 54 55 54 55 54 55 54 55 54 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44	20
54 56 61 63 66 68 70 49 51 54 56 58 60 62 65 66 47 49 51 54 56 56 57 59 61 44 46 48 50 52 54 56 66 66 67 66 66 66 66 66 67 67 66 66 67 66 66 68 60 66 66 66 66 67 67 66 66 66 66 66 67 66 66 68 66 66 67 67 66 66 66 66 67 67 66 66 67 67 66 67 <td>47</td>	47
51 54 56 68 60 65 66 67 <td< td=""><td>45</td></td<>	45
49 51 54 56 684 60 62 64 47 49 51 54 56 57 59 61 44 46 48 50 52 54 55 57 59 61 42 44 46 48 50 52 54 55 57 59 61 40 42 48 50 52 54 55 57 59 61 61 62 52 54 55 50 61 61 62 52 54 55 57 50 61 62 52 54 44	43
47 49 51 54 56 61 45 47 50 52 54 55 57 42 44 46 48 50 52 54 55 40 42 44 46 48 50 52 54 55 38 40 41 45 47 49 50 52 54 55 38 40 41 45 47 49 40	41
45 47 50 52 54 55 57 44 46 48 50 52 54 55 57 40 42 44 45 47 49 50 52 57 38 40 41 43 45 46 48 49 50 52 38 39 41 43 45 46 48 49 40 44 46 44 46 44 46 47 44 45 47 49 40 47 46 47 46 47 46 47 47 49 40 47 47 49 40 47	39
44 46 48 50 52 54 55 42 44 46 48 50 52 54 55 38 40 41 43 46 48 50 52 54 55 38 40 41 43 45 46 48 49 49 49 49 49 49 49 40 44	38
42 44 46 48 50 52 54 40 42 44 45 47 49 50 52 36 38 40 41 43 44 46 47 35 36 38 39 41 42 44 45 33 35 36 38 39 41 42 44 45 30 31 32 38 39 41 42 44 45 30 31 33 34 35 39 40 42 42 27 28 29 31 32 33 35 36 39 26 27 28 29 30 31 32 33 24 26 27 28 29 30 31 32 24 26 27 28 29 30 31 32 32 32 32 33 31 32 33	37
40 42 44 45 47 49 50 52 38 40 41 43 45 46 48 49 35 36 38 39 41 42 44 46 47 33 35 36 38 39 41 42 44 46 47 32 34 35 38 39 41 42 43 43 30 31 33 34 35 39 39 27 28 29 31 32 33 34 35 26 27 28 29 30 31 32 33 24 26 27 28 29 30 31 32 24 26 27 28 29 30 31 32	35
38 40 41 43 46 48 49 49 49 49 49 49 49 49 49 49 49 49 49	33
36 38 40 41 43 44 46 47 47 33 33 35 36 37 28 39 31 32 32 34 35 36 38 39 40 42 42 43 35 36 38 39 40 42 42 42 42 43 35 36 31 32 32 32 32 32 32 32 32 32 32 32 32 32	32
35 36 38 39 41 42 44 45 33 33 34 35 36 38 39 41 42 42 43 43 43 44 35 35 36 37 38 39 41 42 42 43 44 45 45 45 45 45 45 45 45 45 45 45 45	30
33 35 36 38 39 41 42 43 43 43 39 44 45 45 45 45 45 45 45 45 45 45 45 45	59
32 34 35 36 38 39 40 42 20 30 31 32 34 35 36 36 37 36 36 37 36 37 36 37 36 37 36 37 36 37 37 38 37 37 38 37 37 38 37 37 38 37 37 38 37 37 38 37 37 38 37 37 38 37 37 38 37 37 38 37 37 38 37 37 38 37 38 37 38 37 38 37 38 38 38 38 38 38 38 38 38 38 38 38 38	28
30 31 33 34 35 37 38 39 39 39 39 39 39 39 39 39 39 39 31 32 32 33 34 35 35 35 35 35 35 35 35 35 35 35 35 35	27
28 30 31 32 33 35 36 37 27 28 29 31 32 33 34 35 26 27 28 29 30 31 32 33 24 26 27 28 29 30 31 32	25
27 28 29 31 32 33 34 35 26 27 28 29 30 31 32 33 24 26 27 28 29 30 31 32 33 24 26 27 28 29 30 31 32	24
26 27 28 29 30 31 32 33 24 26 27 28 29 30 31 32 33	22
24 26 27 28 29 30 31 32	2
	20

TABLE 2—FOUR INCHES UNBALANCE

				Elevation	or outer	rall (incnes)	[(s						
egree of curvature	0	1/2	1	11/2	2	21/2	8	31/2	4	41/2	5	51/2	9

TABLE 2—FOUR INCHES UNBALANCE—Continued [Elevation of outer rail (inches)]

aximum allow 125 109	2 21/2		31/2	4	41/2	2	51/2	9
107 113 108 88 89 104 109 109 83 88 89 104 109 109 85 65 65 69 72 89 104 109 85 89 104 109 109 80 80 80 80 80 100 80 80 80 80 100 80 80 80 80 100 80 80 80 80 100 8	llowable operatir			į			-	
988 888 88 89 72 89 89 89 89 80 72 80 80 80 90 90 90 90 90 90 90 90 90 90 90 90 90	5 131 136	141	146	121	156	160	165	169
888 807 807 808 807 808 808 809 809 809 809 809 809	113		127	13	135	139	143	146
85 65 65 65 65 65 65 65 65 65 6	101		113	117	121	124	128	131
25	93		104	107	110	113	116	120
65 61 61 61 63 64 64 64 64 64 64 64 64 64 64 64 64 64	83		93	96	66	101	4	107
61 57 57 57 57 57 57 57 57 57 57	9/		82	87	06	93	92	86
55 57 58 59 59 59 59 59 59 59 59 59 59	70		78	8	83	98	88	6
53 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	65		73	9/	78	80	85	82
51 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	62		69	71	73	92	28	80
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	29		65	89	70	72	74	9/
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	26		62	64	99	89	20	72
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	53		09	62	64	65	29	69
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	51		22	29	61	63	65	99
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	49		22	22	29	61	62	64
40 38 33 44 40 30 30 30 30 30 30 30 30 30 30 30 30 30	48		23	22	22	29	09	62
38 8 4 6 3 3 3 3 4 4 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	46		25	23	22	22	28	09
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	44		49	20	25	53	22	26
33 33 33 33 35 35 35 35 35 35 35 35 35 3	14		46	48	49	21	25	23
33 31 33 33 33 27 27 28 27 27	39		44	46	47	48	20	51
31 30 27 27 28 27 28 27 24 25	38		45	44	45	46	48	49
30 28 30 27 28 25 27 24 25	36		4	42	43	44	46	47
28 30 27 28 25 27 24 25	35		39	40	45	43	4	45
27 28 25 27 24 25	33		37	38	39	40	4	42
25 27	31		32	36	37	38	36	40
24 25	59		33	34	32	36	37	38
50	28		31	35	33	34	32	36
23 24	27		30	31	32	33	34	35